



State of Washington
DEPARTMENT OF FISH AND WILDLIFE

Mailing Address: 600 Capitol Way N - Olympia, Washington 98501-1091 - (360) 902-2200, TDD (360) 902-2207
Main Office location: Natural Resources Building - 1111 Washington Street SE - Olympia, WA

DETERMINATION OF NONSIGNIFICANCE

Name of Proposal: MINTER CREEK STREAMBANK AND BARRIER DAM REPAIRS

Description of Proposal: The proponent is proposing to 1) repair the streambank along the access road to the Minter Creek Hatchery intake, 2) repair the streambank downstream from the fish ladder, and 3) reinforce the barrier dam.

Proponent: Washington Department of Fish and Wildlife, Hatcheries Division, 600 Capitol Way North, Olympia, Washington 98501-1091. Contact Person: Stan Hammer

Location of Proposal, including street, if any: Parcel #'s 0122291007, and #012229103, Minter Creek Hatchery, 12710 124th Avenue Court K.P.N., Gig Harbor, Washington, Pierce County; Section 29, Township 22 North, Range 01 East WM

Lead Agency: Washington Department of Fish and Wildlife

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of the completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 14 days from the date of issue below. Comments must be submitted by: **April 23, 2002**

Responsible Official: Cynthia R. Pratt

Position/Title: SEPA/NEPA Coordinator, Regulatory Services Section

Address: 600 Capitol Way North, Olympia, WA 98501

Please contact: Cynthia R. Pratt **Phone:** (360) 902-2575 **Fax:** (360) 902-2946 or
e-mail: prattcrp@dfw.wa.gov if you have questions or comments about this determination.

DATE OF ISSUE: April 9, 2002 **SIGNATURE:** _____

A handwritten signature in black ink, appearing to read "Cynthia R. Pratt", is written over a horizontal line.

Distribution of Environmental Document:

Department of Ecology, Environmental Review Section, Olympia
Department of Natural Resources, SEPA Center, Olympia
U.S. Army Corps of Engineers, Seattle
U.S. Fish and Wildlife Service, Western Washington Office, Lacey
U.S. National Marine Fisheries Service, Lacey
Pierce County Department of Planning and Natural Resource Management, Tacoma
Northwest Indian Fisheries Commission, Olympia
Muckleshoot Tribe, Auburn
Nisqually Tribe, Olympia
Puyallup Tribe, Tacoma
Squaxin Island Tribe, Shelton
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WDFW, Habitat Program, Region 6, Montesano
WDFW, Fish Program, Region 6, Montesano
WDFW, Wildlife Program, Region 6, Montesano



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ENVIRONMENTAL CHECKLIST
(WAC 197-11-960)

A. BACKGROUND

1. **Name of proposed project, if applicable:** *Repair stream bank of Minter Creek and barrier dam at Minter Creek Facility.*
2. **Name of Applicant:** *Washington Department of Fish and Wildlife- Fish Program*
3. **Address and phone number of applicant and contact person:**
600 Capital Way N. Olympia WA 98501-1091 Stan Hammer 360-902-2665
4. **Date checklist prepared:** *March 13, 2002*
5. **Agency requesting checklist:** *Washington Department of Fish and Wildlife*
6. **Proposed timing or schedule (including phasing, if applicable):** *Late July or August 2002*
7. **Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.** *No. If the structure is damaged we would expect to repair it.*
8. **List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal:** *None known.*
9. **Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.**
No.
10. **List any government approvals or permits that will be needed for your proposal, if known.** *WDFW Hydraulics Project Approval, Shoreline Exemption from Pierce County*
11. **Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.** *① One bank repair location is located along access road to hatchery intake. ② Another bank repair location is located immediately downstream from fish ladder. They will be protected with root-wads and softbank material to insure serviceability of intake road. ③ Barrier dam located adjacent to fish ladder will be reinforced with angular rock to protect stability of the structure. (See also 5d) CP*
12. **Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project including street address if any and section**

township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

*Minter Creek Hatchery
12710 124th Ave Ct. K.P.N.
Gig Harbor, WA. 98329
Section 29, Township 22 North, Range 01 East
Tax Parcel #'s 0122291007, 012229103.*

B. ENVIRONMENTAL ELEMENTS

1. EARTH

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other
- b. What is the steepest slope on the site (approximate percent slope)? 35%
- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. *Gravels.*
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. *Typical instability of riparian habitat in the south Puget Sound basin.*
- e. Describe the purpose, type and approximate quantities of any filling or grading proposed. Indicate source of fill. *No grading or fill will be required. Some material may need to be removed from the leading edge of the dam to install the structure. This area is currently out of the water.*
- f. Could erosion occur as a result of clearing, construction or use? If so generally describe. *No.*
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? *No new impervious surfaces will be added or altered.*
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: *Proposed measures could potentially reduce erosion by spreading the flow across the entire length of the dam.*

2. AIR

- a. What type of emissions to the air would result from the proposal (i.e., dust automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known. *During construction there will be temporary emissions from the equipment on site and a small amount of dust may*

precipitate when the materials are dry. No emissions will result after the project is completed.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. *None known.*
- c. Proposed measures to reduce or control emissions or other impacts to air, if any:
Equipment use will be kept to a minimum.

3. WATER

a. Surface

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes ponds or wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. *Yes. Minter Creek is a 6.3 mile long tributary to Carr Inlet, located in Puget Sound.*
- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. *Yes. See available plans.*
- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. *None.*
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. *No.*
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. *Yes.*
- 6) Does the proposal involve any discharges of waste material to surface waters? If so, describe the type of waste and anticipated volume of discharge. *Temporary sediment discharges, although kept to an absolute minimum, are possible during installation.*

3. WATER

b. Ground

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description purpose, and approximate quantities, if known. *There will be no involvement of ground water in this proposal.*
- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. *There will be no discharge to ground waters created by this proposal.*

(HQA conditions
will be followed
to avoid/reduce
sediment load)

3. WATER

c. Water Runoff (including storm water):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (including quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. *Existing patterns of run-off will not be changed.***
 - 2) Could waste materials enter ground or surface waters? If so, generally describe. *Any materials which escape from sediment control structures will consist of small amounts of fine sediments.***
- d. Proposed measures to reduce or control surface, ground and runoff water impacts, if any: *None.***

4. PLANTS

a. Check or circle types of vegetation found on the site:

deciduous tree: alder, maple, aspen, willow

evergreen tree: fir, cedar, pine, larch

shrubs: elderberry, huckleberry, salal, salmonberry, and others

grass: clovers, fescues, red grass, and others

wet soil plants: cattail, buttercup, bulrush, skunk cabbage and others

water plants: water lily, eelgrass, milfoil and others

- b. What kind and amount of vegetation will be removed or altered? *None.***
- c. List threatened and endangered species [of plants] known to be on or near the site. *None known.***
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: *None.***

5. ANIMALS

a. List any birds or animals which have been observed on or near the site or are known to be on or near the site:

Birds: hawk, heron, eagle, songbirds, waterfowl including gulls

Mammals: deer, bear, elk, beaver, small mammals typical to Washington such as mice, shrews, etc., otters, mink

Fish: Hatchery-origin fall chinook, spring chinook, coho, chum, and pink salmon. Wild-origin coho salmon, and wild-origin sea-run cutthroat and steelhead trout.

- b. List any threatened or endangered species known to be on or near the site. *Chinook are listed as threatened in Puget Sound but the hatchery stock is not part of the listing.***
- c. Is the site part of a migration route? If so, explain. *Various waterfowl and raptors migrate through the area during certain times of the year. Salmon and trout migrate upstream at certain times of the year.***

- d. **Proposed measures to preserve and enhance wildlife, if any:** *The proposed repair of the bank and rack is to accommodate a major cooperative research project between WDFW, NWIFC, and NMFS to ascertain the success of hatchery and wild coho spawning in the creek. Furthermore, repair of barrier dam allows the hatchery operations to gain compliance under the Wild Salmonid Policy for reductions of stray salmon and trout spawning naturally. Repair of this barrier dam will continue to allow us to accurately enumerate all wild fish passed upstream for spawning. Lastly, an impenetrable rack will allow us to remove undesirable non-native species such as Atlantic Salmon.*

6. ENERGY AND NATURAL RESOURCES

- a. **What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.** *No additional energy will be required.*
- b. **Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.** *No.*
- c. **What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:** *None.*

7. ENVIRONMENTAL HEALTH

- a. **Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill or hazardous waste that could occur as a result of this proposal.** *Yes. With the use of construction equipment there is a possibility of an equipment failure that could result in fire, explosion, or a spill.*

- 1) **Describe special emergency services that might be required.** *Typical needs of any construction project for emergency services.*
- 2) **Proposed measures to reduce or control environmental health hazards, if any:** *Equipment shall be in good working condition and clean of any contaminants. Workers are familiar with spill response protocols.*

b. Noise

- 1) **What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?** *None.*
- 2) **What types and levels of noise would be created by or associated with the project on an short-term or long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.** *Short-term noises from equipment during construction. Monday through Friday 7 AM to 5 PM.*
- 3) **Proposed measures to reduce or control noise impacts, if any:** *Minimize equipment use.*

8. LAND AND SHORELINE USE

- a. **What is the current use of the site and adjacent properties?** *A state fish hatchery, private*

property, open forested spaces.

- b. **Has the site been used for agriculture? If so describe?** *No agricultural uses at this site.*
- c. **Describe any structures on the site.** *A newly remodeled fish hatchery, with ponds, raceways, buildings and residences.*
- d. **Will any structures be demolished? If so what?** *No.*
- e. **What is the current zoning classification of the site?** *R-10.*
- f. **What is the current comprehensive plan designation of the site?** *Rural.*
- g. **If applicable, what is the current shoreline master program designation of the site?** *Conservancy.*
- h. **Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.** *Yes. Minter Creek is a classified as a sensitive area.*
- i. **Approximately how many people would reside or work in the completed project?** *No additional people will be impacted by this project.*
- j. **Approximately how many people would the completed project displace?** *None.*
- k. **Proposed measures to avoid or reduce displacement impacts, if any:** *None.*
- l. **Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:** *Pierce County Review.*

9. HOUSING

- a. **Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.** *No new housing units involved.*
- b. **Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.** *Not applicable.*
- c. **Proposed measures to reduce or control housing impacts, if any:** *Not applicable.*

10. AESTHETICS

- a. **What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?** *None.*
- b. **What views in the immediate vicinity would be altered or obstructed?** *None.*
- c. **Proposed measures to reduce or control aesthetic impacts, if any:** *None*

11. LIGHT AND GLARE

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? *None.*
- b. Could light or glare from the finished project be a safety hazard or interfere with views? *No change is anticipated.*
- c. What existing off-site sources of light or glare may affect your proposal? *None.*
- d. Proposed measures to reduce or control light and glare impacts, if any: *None.*

12. RECREATION

- a. What designated and informal recreational opportunities are in the immediate vicinity? *Hatchery touring, wildlife viewing, walking.*
- b. Would the proposed project displace any existing recreational uses? If so, describe. *No.*
- c. Proposed measures to reduce or control impacts on recreation, including recreational opportunities to be provided by the project or applicant, if any: *The rack is in an area that is off-limits to the general public therefore no recreational opportunities in the immediate vicinity of the rack are available. The stream is not used by rafters so the rack will not impede these activities.*

13. HISTORIC AND CULTURAL PRESERVATION

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe. *There are presently no such objects or sites identified at this facility.*
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. *None known.*
- c. Proposed measures to reduce or control impacts, if any: *Should any objects or structures be found that are of historic or cultural importance, work will stop immediately, and the Office of Archeology and Historical Preservation will be notified.*

14. TRANSPORTATION

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. *The hatchery is accessible from SR 302. No change to existing access.*
- b. Is site currently served by public transit? If no, what is the approximate distance to the nearest transit stop? *No change. The closest transit stop is on SR 302. 1 mile.*

- c. How many parking spaces would the completed project have? *Not applicable.* How many would the project eliminate? *Not applicable.*
- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). *There will be no new roads or improvements to existing roads.*
- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. *No.*
- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. *No change.*
- g. Proposed measures to reduce or control transportation impacts, if any: *Not applicable.*

15. PUBLIC SERVICES

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. *No change from existing use.*
- b. Proposed measures to reduce or control direct impacts on public services, if any: *No change from existing use.*

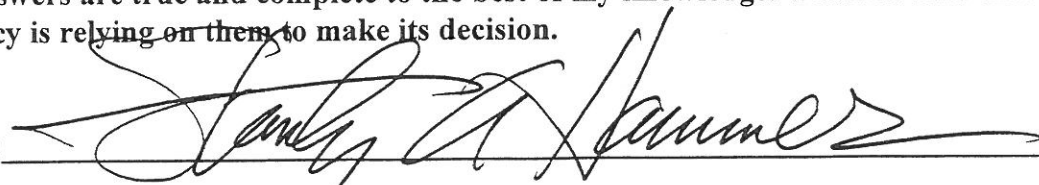
16. UTILITIES

- a. Circle utilities currently available at the site: ELECTRICITY, NATURAL GAS, WATER, REFUSE SERVICE, TELEPHONE, SANITARY SEWER, SEPTIC SYSTEM, OTHER.
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. *No new utilities will be required.*

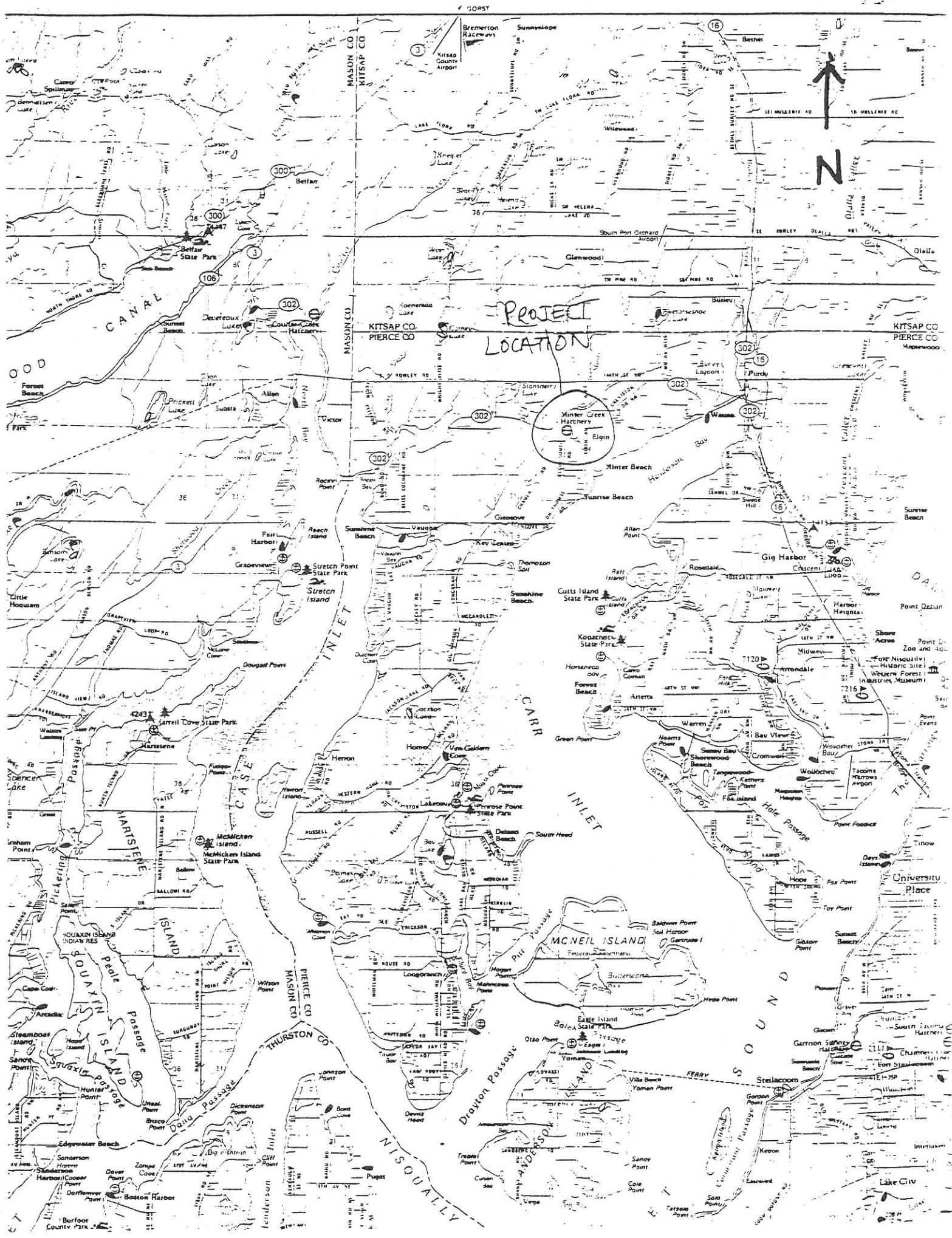
C. SIGNATURE

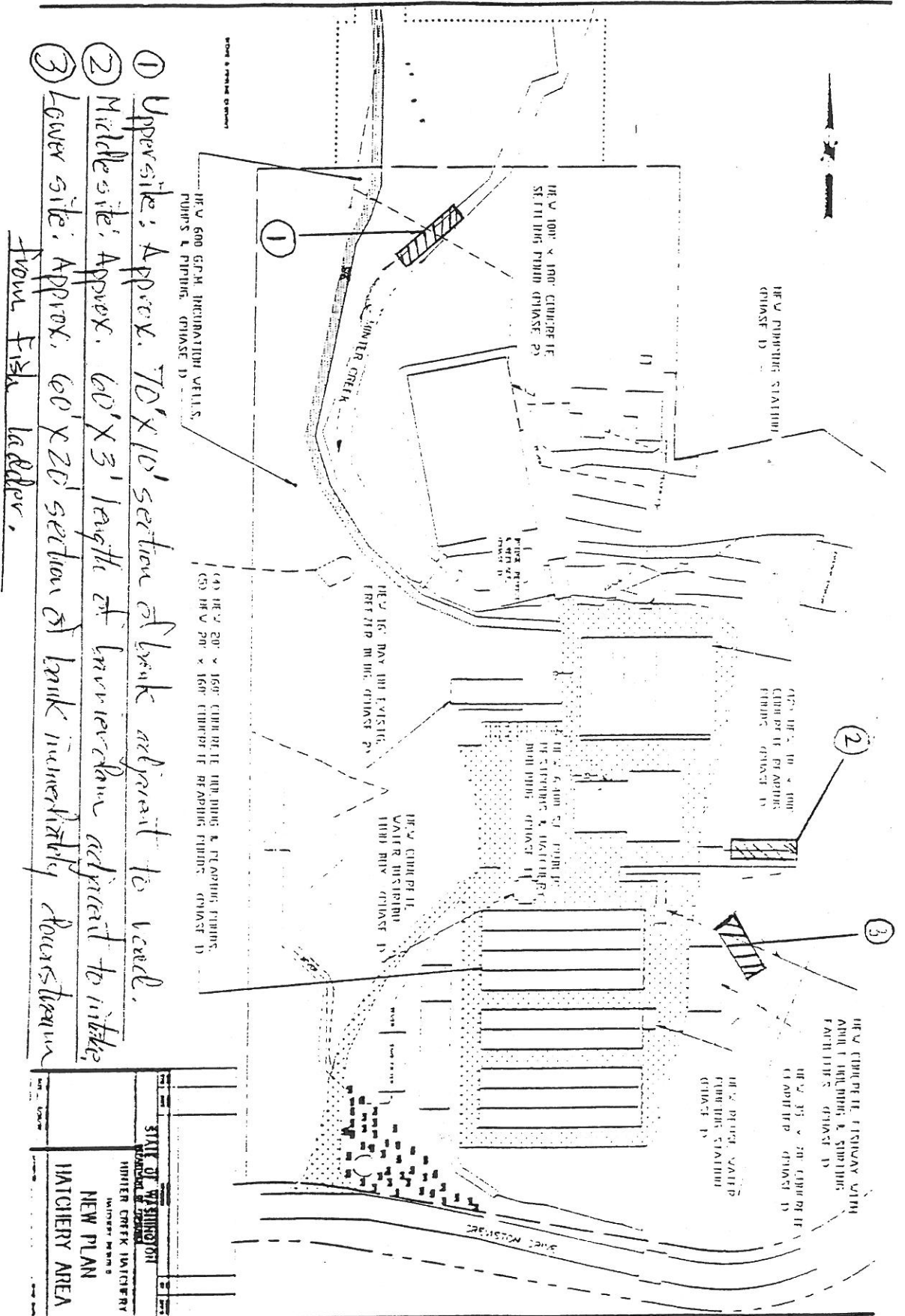
The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

SIGNATURE: _____



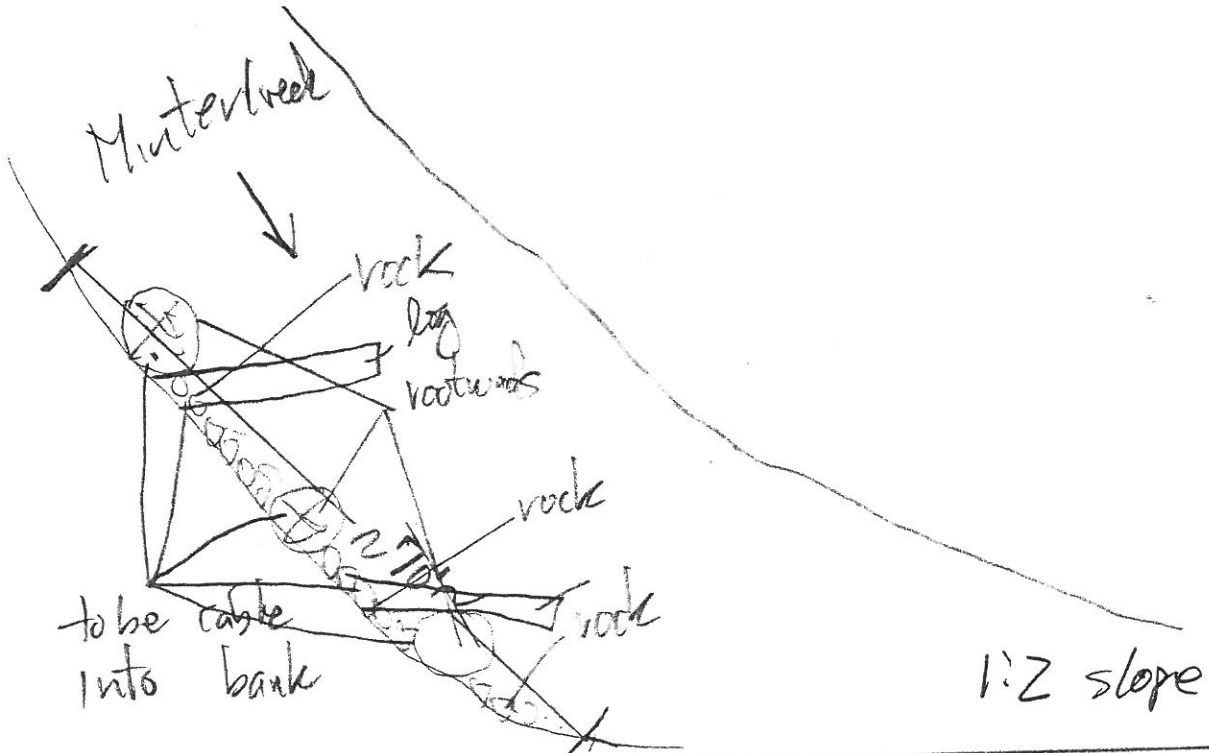
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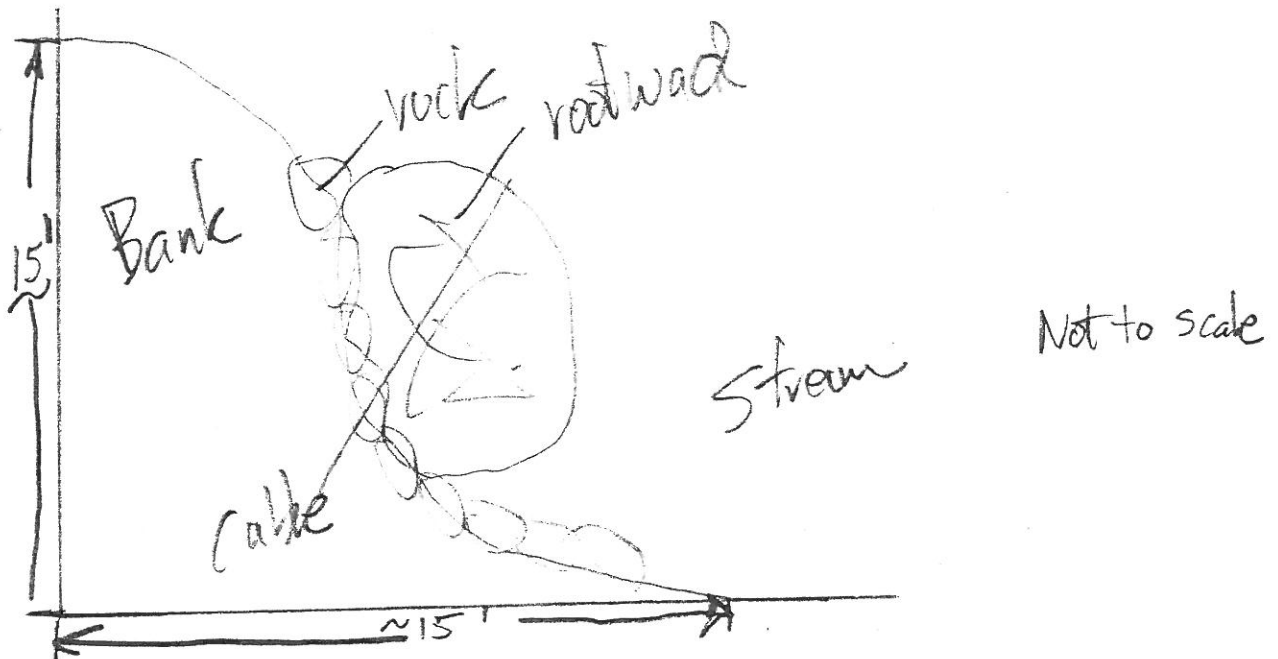


- ① Upperside: Approx. 70' x 10' section of bank adjacent to levee.
- ② Middle side: Approx. 60' x 3' length of bank adjacent to intake.
- ③ Lower side: Approx. 60' x 20' section of bank immediately downstream from Fish ladder.

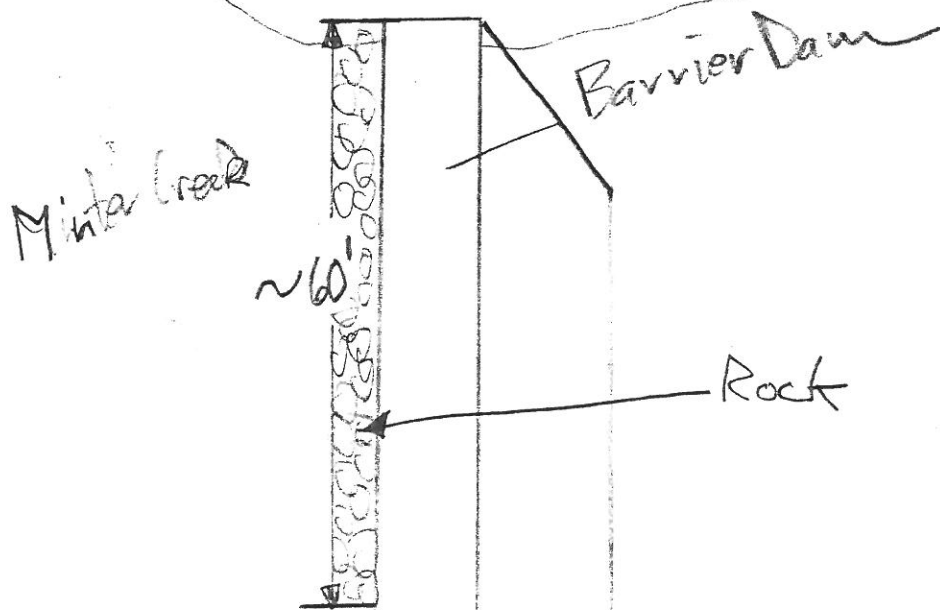
① Upper Site



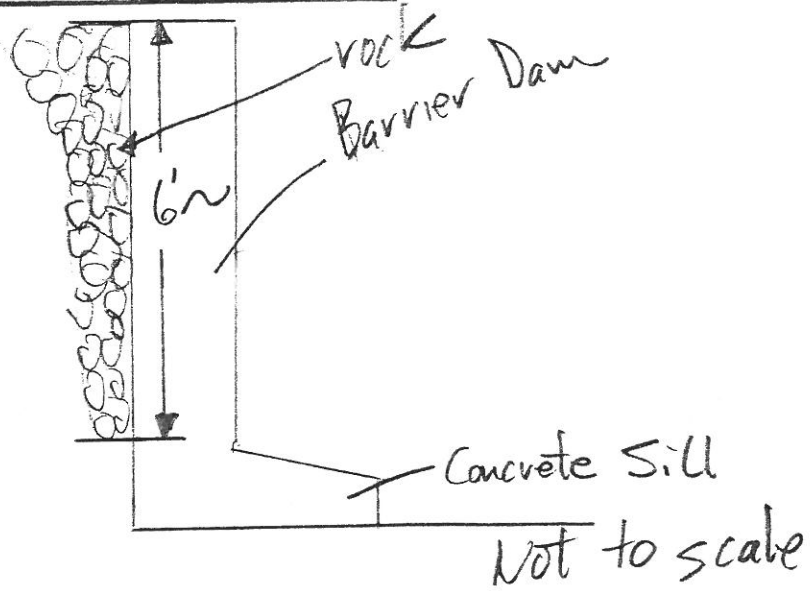
Cross-Section



② Middle Site



Cross-Section



③ Lower Site

